UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Laboratory
Environmental Services Branch
10625 Fallstone Road, Houston, TX 77099
Phone: (281)983-2100 Fax: (281)983-2248

Final Analytical Report

Site Name ----------Oil Trust Fund

Sample Collection Date(s)-- 07/02/10 - 07/05/10

Contact---------- Rich Mayer (6PD-F)

Report Date---------- 07/09/10

Project #---------- 10REG191

Work Order(s)----------1007006

Analyses included in this report:

LC DOSS

Report Narrative

BOG0604 MSD1 (source 1007006-06) result for DOSS was outside of QC limit; the MS value for this sample was acceptable. The errant MSD value is thought to be due to a lab spiking error. DOSS was not reported in the sample itself.

Standard procedures for quality assurance and quality control were followed in the analysis and reporting of the sample results. The results apply only to the samples tested. This final report should only be reproduced in full.

Reporting limits are adjusted for sample size and matrix interference.

Report Approvals:

Richard McMillin
Region 6 Laboratory Manager

David Neleigh
Region 6 Laboratory Branch Chief

90095987

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Environmental Services Branch Laboratory

10625 Fallstone Road
Houston, Texas 77099

Sample Receipt and Disposal

Site Name: Oil Trust Fund Project Number: 10REG191

Data Management Coordinator: Christy Warren

_____ / /

Data Management Coordinator Signature Date

Date Transmitted: _____/_____/_____

Please have the U.S. EPA Project Manager/Officer call the Data Management Coordinator at 3-2137 for any comments or questions.

Please sign and date this form below and return it with any comments to:

Christy Warren
Data Management Coordinator
Region 6 Laboratory
6MD-HS

_____/_____/_____

Received by and Date

Comments:

The laboratory routinely disposes of samples 90 days after all analyses have been completed. If you have a need to hold these samples in custody longer than 90 days, please sign below.

_____ _____

Signature Date

Please provide a reason for holding:

Environmental Protection Agency

Region 6 Laboratory

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ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Sample Type	Date Collected	Date Received
T001-1001-100704-SW-1	1007006-01	Liquid	7/4/10 9:15	07/06/10 09:45
T001-1001-100704-SW-D	1007006-02	Liquid	7/4/10 9:15	07/06/10 09:45
T001-1002-100704-SW-1	1007006-03	Liquid	7/4/10 10:15	07/06/10 09:45
T001-1003-100704-SW-1	1007006-04	Liquid	7/4/10 11:00	07/06/10 09:45
T001-2001-100705-SW-1	1007006-05	Liquid	7/5/10 12:00	07/06/10 09:45
T001-2002-100705-SW-1	1007006-06	Liquid	7/5/10 10:35	07/06/10 09:45
T001-2003-100705-SW-1	1007006-07	Liquid	7/5/10 9:46	07/06/10 09:45
T001-2414-100704-SW-1	1007006-08	Liquid	7/4/10 8:25	07/06/10 09:45
T001-2415-100702-SW-1	1007006-09	Liquid	7/2/10 12:20	07/06/10 09:45
T001-SW01-100702-SW-1	1007006-10	Liquid	7/2/10 11:40	07/06/10 09:45
T001-SW02-100702-SW-1	1007006-11	Liquid	7/2/10 10:56	07/06/10 09:45
T001-SW03-100702-SW-1	1007006-12	Liquid	7/2/10 10:15	07/06/10 09:45
T007-0005-100703-SW-1	1007006-13	Liquid	7/3/10 9:30	07/06/10 09:45
T007-0006-100703-SW-1	1007006-14	Liquid	7/3/10 10:10	07/06/10 09:45
T007-0007-100703-SW-1	1007006-15	Liquid	7/3/10 10:45	07/06/10 09:45
T007-0008-100702-SW-1	1007006-16	Liquid	7/2/10 9:20	07/06/10 09:45
T007-0008-100705-SW-1	1007006-17	Liquid	7/5/10 12:40	07/06/10 09:45
T007-1327-100704-SW-1	1007006-18	Liquid	7/4/10 10:00	07/06/10 09:45
T007-1328-100702-SW-1	1007006-19	Liquid	7/2/10 10:40	07/06/10 09:45
T007-1328-100705-SW-1	1007006-20	Liquid	7/5/10 11:15	07/06/10 09:45
T007-1331-100704-SW-1	1007006-21	Liquid	7/4/10 8:55	07/06/10 09:45
T007-1332-100702-SW-1	1007006-22	Liquid	7/2/10 10:00	07/06/10 09:45
T007-1332-100705-SW-1	1007006-23	Liquid	7/5/10 12:05	07/06/10 09:45
T007-2336-100704-SW-1	1007006-24	Liquid	7/4/10 9:30	07/06/10 09:45
T007-BG01-100703-SW-1	1007006-25	Liquid	7/3/10 15:15	07/06/10 09:45
T007-BG02-100704-SW-1	1007006-26	Liquid	7/4/10 13:20	07/06/10 09:45
T007-BG03-100705-SW-1	1007006-27	Liquid	7/5/10 8:50	07/06/10 09:45
T007-BG03-100705-SW-2	1007006-28	Liquid	7/5/10 8:50	07/06/10 09:45
T007-BG06-100702-SW-1	1007006-29	Liquid	7/2/10 15:40	07/06/10 09:45
T005-2339-100702-SW-1	1007006-30	Liquid	7/2/10 8:50	07/06/10 09:45
T005-1336-100703-SW-1	1007006-31	Liquid	7/3/10 8:45	07/06/10 09:45
T005-2333-100703-SW-1	1007006-32	Liquid	7/3/10 9:25	07/06/10 09:45
T005-2333-100703-SW-2	1007006-33	Liquid	7/3/10 9:25	07/06/10 09:45
T005-2337-100703-SW-1	1007006-34	Liquid	7/3/10 10:00	07/06/10 09:45
T005-1333-100704-SW-1	1007006-35	Liquid	7/4/10 8:35	07/06/10 09:45

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ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Sample Type	Date Collected	Date Received
T005-2327-100704-SW-1	1007006-36	Liquid	7/4/10 10:00	07/06/10 09:45
T005-2327-100704-SW-2	1007006-37	Liquid	7/4/10 10:00	07/06/10 09:45
T005-2331-100704-SW-1	1007006-38	Liquid	7/4/10 9:20	07/06/10 09:45
T005-2338-100704-SW-1	1007006-39	Liquid	7/4/10 10:40	07/06/10 09:45
T005-2335-100705-SW-1	1007006-40	Liquid	7/5/10 10:20	07/06/10 09:45
T005-2339-100705-SW-1	1007006-41	Liquid	7/5/10 10:50	07/06/10 09:45
T005-2335-100702-SW-1	1007006-42	Liquid	7/2/10 9:35	07/06/10 09:45

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DOSS by LC/MS/MS

Lab ID: 1007006-01 **Station ID: T001-1001-100704-SW-1**

Batch: B0G0604 Date Collected: 07/04/10
Sample Type: Liquid Sample Volume: 36 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	195		95.1	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.7	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-02 **Station ID: T001-1001-100704-SW-D**

Batch: B0G0604 Date Collected: 07/04/10
Sample Type: Liquid Sample Volume: 32 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	249		108	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.7	1	07/06/10	07/06/10

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DOSS by LC/MS/MS

Lab ID: 1007006-03 **Station ID: T001-1002-100704-SW-1**

Batch: B0G0604 Date Collected: 07/04/10
Sample Type: Liquid Sample Volume: 33 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	260		116	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.7	1	07/06/10	07/06/10

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DOSS by LC/MS/MS

Lab ID: 1007006-04 **Station ID: T001-1003-100704-SW-1**

Batch: B0G0604 Date Collected: 07/04/10
Sample Type: Liquid Sample Volume: 27 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	284		104	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.6	1	07/06/10	07/06/10

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DOSS by LC/MS/MS

Lab ID: 1007006-05 **Station ID: T001-2001-100705-SW-1**

Batch: B0G0604 Date Collected: 07/05/10
Sample Type: Liquid Sample Volume: 33 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	225		100	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.7	1	07/06/10	07/06/10

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DOSS by LC/MS/MS

Lab ID: 1007006-06 **Station ID: T001-2002-100705-SW-1**

Batch: B0G0604 Date Collected: 07/05/10
Sample Type: Liquid Sample Volume: 31 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	195		81.8	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.7	1	07/06/10	07/06/10

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DOSS by LC/MS/MS

Lab ID: 1007006-07 **Station ID: T001-2003-100705-SW-1**

Batch: B0G0604 Date Collected: 07/05/10
Sample Type: Liquid Sample Volume: 36 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	215		104	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.7	1	07/06/10	07/06/10

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DOSS by LC/MS/MS

Lab ID: 1007006-08 **Station ID: T001-2414-100704-SW-1**

Batch: B0G0604 Date Collected: 07/04/10
Sample Type: Liquid Sample Volume: 32 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	230		99.3	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.7	1	07/06/10	07/06/10

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DOSS by LC/MS/MS

Lab ID: 1007006-09 **Station ID: T001-2415-100702-SW-1**

Batch: B0G0604 Date Collected: 07/02/10
Sample Type: Liquid Sample Volume: 36 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	214		104	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.7	1	07/06/10	07/06/10

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DOSS by LC/MS/MS

Lab ID: 1007006-10 **Station ID: T001-SW01-100702-SW-1**

Batch: B0G0604 Date Collected: 07/02/10
Sample Type: Liquid Sample Volume: 28 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	270		102	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	07/06/10	07/06/10

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DOSS by LC/MS/MS

Lab ID: 1007006-11 **Station ID: T001-SW02-100702-SW-1**

Batch: B0G0604 Date Collected: 07/02/10
Sample Type: Liquid Sample Volume: 32 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	246		106	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	07/06/10	07/06/10

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DOSS by LC/MS/MS

Lab ID: 1007006-12 **Station ID: T001-SW03-100702-SW-1**

Batch: B0G0604 Date Collected: 07/02/10
Sample Type: Liquid Sample Volume: 34 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	234		107	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.7	1	07/06/10	07/06/10

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DOSS by LC/MS/MS

Lab ID: 1007006-13 **Station ID: T007-0005-100703-SW-1**

Batch: B0G0604 Date Collected: 07/03/10
Sample Type: Liquid Sample Volume: 18 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	356		86.6	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	07/06/10	07/06/10

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DOSS by LC/MS/MS

Lab ID: 1007006-14 **Station ID: T007-0006-100703-SW-1**

Batch: B0G0604 Date Collected: 07/03/10
Sample Type: Liquid Sample Volume: 20 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	326		88.2	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.5	1	07/06/10	07/06/10

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DOSS by LC/MS/MS

Lab ID: 1007006-15 **Station ID: T007-0007-100703-SW-1**

Batch: B0G0604 Date Collected: 07/03/10
Sample Type: Liquid Sample Volume: 20 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	377		102	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.5	1	07/06/10	07/06/10

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DOSS by LC/MS/MS

Lab ID: 1007006-16 **Station ID: T007-0008-100702-SW-1**

Batch: B0G0604 Date Collected: 07/02/10
Sample Type: Liquid Sample Volume: 25 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	278		94.0	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.6	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-17 **Station ID: T007-0008-100705-SW-1**

Batch: B0G0604 Date Collected: 07/05/10
Sample Type: Liquid Sample Volume: 25 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	259		87.6	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.6	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-18 **Station ID: T007-1327-100704-SW-1**

Batch: B0G0604 Date Collected: 07/04/10
Sample Type: Liquid Sample Volume: 24 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	345		112	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-19 **Station ID: T007-1328-100702-SW-1**

Batch: B0G0604 Date Collected: 07/02/10
Sample Type: Liquid Sample Volume: 22 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	352		105	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.5	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-20 **Station ID: T007-1328-100705-SW-1**

Batch: B0G0604 Date Collected: 07/05/10
Sample Type: Liquid Sample Volume: 22 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	331		98.5	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-21 **Station ID: T007-1331-100704-SW-1**

Batch: B0G0604 Date Collected: 07/04/10
Sample Type: Liquid Sample Volume: 17 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	443		102	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.4	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-22 **Station ID: T007-1332-100702-SW-1**

Batch: B0G0604 Date Collected: 07/02/10
Sample Type: Liquid Sample Volume: 23 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	316		98.1	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.6	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-23 **Station ID: T007-1332-100705-SW-1**

Batch: B0G0604 Date Collected: 07/05/10
Sample Type: Liquid Sample Volume: 21 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	341		96.7	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-24 **Station ID: T007-2336-100704-SW-1**

Batch: B0G0604 Date Collected: 07/04/10
Sample Type: Liquid Sample Volume: 23 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	284		88.2	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-25 **Station ID: T007-BG01-100703-SW-1**

Batch: B0G0604 Date Collected: 07/03/10
Sample Type: Liquid Sample Volume: 23 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	312		96.9	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-26 **Station ID: T007-BG02-100704-SW-1**

Batch: B0G0604 Date Collected: 07/04/10
Sample Type: Liquid Sample Volume: 22 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	327		97.2	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-27 **Station ID: T007-BG03-100705-SW-1**

Batch: B0G0604 Date Collected: 07/05/10
Sample Type: Liquid Sample Volume: 25 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	296		100	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.6	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-28 **Station ID: T007-BG03-100705-SW-2**

Batch: B0G0604 Date Collected: 07/05/10
Sample Type: Liquid Sample Volume: 20 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	377		102	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-29 **Station ID: T007-BG06-100702-SW-1**

Batch: B0G0604 Date Collected: 07/02/10
Sample Type: Liquid Sample Volume: 23 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	298		92.6	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.6	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-30 **Station ID: T005-2339-100702-SW-1**

Batch: B0G0604 Date Collected: 07/02/10
Sample Type: Liquid Sample Volume: 42 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	169		95.9	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.8	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-31 **Station ID: T005-1336-100703-SW-1**

Batch: B0G0604 Date Collected: 07/03/10
Sample Type: Liquid Sample Volume: 42 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	167		94.7	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.8	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-32 **Station ID: T005-2333-100703-SW-1**

Batch: B0G0604 Date Collected: 07/03/10
Sample Type: Liquid Sample Volume: 43 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	173		100	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.8	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-33 **Station ID: T005-2333-100703-SW-2**

Batch: B0G0604 Date Collected: 07/03/10
Sample Type: Liquid Sample Volume: 43 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	158		91.8	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.8	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-34 **Station ID: T005-2337-100703-SW-1**

Batch: B0G0604 Date Collected: 07/03/10
Sample Type: Liquid Sample Volume: 42 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	168		95.5	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.8	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-35 **Station ID: T005-1333-100704-SW-1**

Batch: B0G0604 Date Collected: 07/04/10
Sample Type: Liquid Sample Volume: 42 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	170		96.5	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.8	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-36 **Station ID: T005-2327-100704-SW-1**

Batch: B0G0604 Date Collected: 07/04/10
Sample Type: Liquid Sample Volume: 42 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	188		107	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.8	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-37 **Station ID: T005-2327-100704-SW-2**

Batch: B0G0604 Date Collected: 07/04/10
Sample Type: Liquid Sample Volume: 43 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	184		107	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.8	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1007006-38 **Station ID: T005-2331-100704-SW-1**

Batch: B0G0604 Date Collected: 07/04/10
Sample Type: Liquid Sample Volume: 42 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	146		83.0	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.8	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-39 **Station ID: T005-2338-100704-SW-1**

Batch: B0G0604 Date Collected: 07/04/10
Sample Type: Liquid Sample Volume: 42 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	166		94.1	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.8	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-40 **Station ID: T005-2335-100705-SW-1**

Batch: B0G0604 Date Collected: 07/05/10
Sample Type: Liquid Sample Volume: 22 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	335		99.7	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

Environmental Protection Agency
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10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-41 **Station ID: T005-2339-100705-SW-1**

Batch: B0G0604 Date Collected: 07/05/10
Sample Type: Liquid Sample Volume: 25 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	290		98.0	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.6	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007006-42 **Station ID: T005-2335-100702-SW-1**

Batch: B0G0604 Date Collected: 07/02/10
Sample Type: Liquid Sample Volume: 42 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	146		82.6	70-130	07/06/10	07/06/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.8	1	07/06/10	07/06/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS - Quality Control

Batch: B0G0604 **Sample Type: Liquid**

Blank (B0G0604-BLK1)

Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	311		370	84.1	70-130

Blank (B0G0604-BLK1)

Prepared: 7/6/2010 Analyzed: 7/6/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Dioctyl sulfosuccinate, sodium salt	U		20.0

Blank (B0G0604-BLK2)

Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	346		370	93.5	70-130

Blank (B0G0604-BLK2)

Prepared: 7/6/2010 Analyzed: 7/6/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Dioctyl sulfosuccinate, sodium salt	U		20.0

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS - Quality Control

Batch: B0G0604 **Sample Type: Liquid**

Blank (B0G0604-BLK3)
Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	358		370	96.8	70-130

Blank (B0G0604-BLK3)
Prepared: 7/6/2010 Analyzed: 7/6/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Dioctyl sulfosuccinate, sodium salt	U		20.0

LCS (B0G0604-BS1)
Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	348		370	94.0	70-130

LCS (B0G0604-BS1)
Prepared: 7/6/2010 Analyzed: 7/6/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Dioctyl sulfosuccinate, sodium salt	107		20.0	100	107	50-150

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS - Quality Control

Batch: B0G0604 **Sample Type: Liquid**

LCS (B0G0604-BS2)
Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	370		370	100	70-130

LCS (B0G0604-BS2)
Prepared: 7/6/2010 Analyzed: 7/6/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Dioctyl sulfosuccinate, sodium salt	110		20.0	100	110	50-150

LCS (B0G0604-BS3)
Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	309		370	83.6	70-130

LCS (B0G0604-BS3)
Prepared: 7/6/2010 Analyzed: 7/6/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Dioctyl sulfosuccinate, sodium salt	113		20.0	100	113	50-150

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS - Quality Control

Batch: B0G0604 **Sample Type: Liquid**

Matrix Spike (B0G0604-MS1)

Source: 1007006-06 Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	287		264	109	70-130

Matrix Spike (B0G0604-MS1)

Source: 1007006-06 Prepared: 7/6/2010 Analyzed: 7/6/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Dioctyl sulfosuccinate, sodium salt	85.5		19.6	71.4	U	120	50-150

Matrix Spike (B0G0604-MS2)

Source: 1007006-20 Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	378		352	107	70-130

Matrix Spike (B0G0604-MS2)

Source: 1007006-20 Prepared: 7/6/2010 Analyzed: 7/6/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Dioctyl sulfosuccinate, sodium salt	115		20.0	95.2	U	121	50-150

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS - Quality Control

Batch: B0G0604 **Sample Type: Liquid**

Matrix Spike (B0G0604-MS3)

Source: 1007006-40 Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	316		370	85.5	70-130

Matrix Spike (B0G0604-MS3)

Source: 1007006-40 Prepared: 7/6/2010 Analyzed: 7/6/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Dioctyl sulfosuccinate, sodium salt	110		19.5	100	U	110	50-150

Matrix Spike Dup (B0G0604-MSD1)

Source: 1007006-06 Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	302		274	110	70-130

Matrix Spike Dup (B0G0604-MSD1)

Source: 1007006-06 Prepared: 7/6/2010 Analyzed: 7/6/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dioctyl sulfosuccinate, sodium salt	131		19.6	74.1	U	177 #	50-150	41.9 #	30

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS - Quality Control

Batch: B0G0604 **Sample Type: Liquid**

Matrix Spike Dup (B0G0604-MSD2)

Source: 1007006-20 Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	379		352	108	70-130

Matrix Spike Dup (B0G0604-MSD2)

Source: 1007006-20 Prepared: 7/6/2010 Analyzed: 7/6/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dioctyl sulfosuccinate, sodium salt	114		20.0	95.2	U	120	50-150	0.42	30

Matrix Spike Dup (B0G0604-MSD3)

Source: 1007006-40 Prepared: 7/6/2010 Analyzed: 7/6/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	364		370	98.5	70-130

Matrix Spike Dup (B0G0604-MSD3)

Source: 1007006-40 Prepared: 7/6/2010 Analyzed: 7/6/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dioctyl sulfosuccinate, sodium salt	110		20.0	100	U	110	50-150	0.83	30

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

Kristie Warr
713-985-6600
US EPA/Weston
Venice, LA

CHAIN OF CUSTODY RECORD
R06 Deep H2O Horizon Reporting
Lab: EPA Houston Lab
Lab_State: TX

No: T0001-100405-07/02/10-0526
Lab Address: 10625 Fallstone Rd
Lab_City: Houston
Lab_Zip: 77099

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Preservative	MS/MSD	Description
	T001-1001-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	09:15	2	4 C	N	
	T001-1001-100704-SW-D	DOSS	Surface Water	Grab	7/4/2010	09:15	2	4 C	N	
	T001-1002-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	10:15	2	4 C	N	
	T001-1003-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	11:00	2	4 C	N	
	T001-2001-100705-SW-1	DOSS	Surface Water	Grab	7/5/2010	12:00	2	4 C	N	
	T001-2002-100705-SW-1	DOSS	Surface Water	Grab	7/5/2010	10:35	6	4 C	Y	
	T001-2003-100705-SW-1	DOSS	Surface Water	Grab	7/5/2010	09:46	2	4 C	N	
	T001-2414-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	08:25	2	4 C	N	
	T001-2415-100702-SW-1	DOSS	Surface Water	Grab	7/2/2010	12:20	2	4 C	N	
	T001-SW01-100702-SW-1	DOSS	Surface Water	Grab	7/2/2010	11:40	6	4 C	Y	
	T001-SW02-100702-SW-1	DOSS	Surface Water	Grab	7/2/2010	10:56	2	4 C	N	
	T001-SW03-100702-SW-1	DOSS	Surface Water	Grab	7/2/2010	10:15	2	4 C	N	

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
		7/5/10	To ~~Courier~~ Courier	7/5/10			Willie H.	7-5-10 1950		7/6/10	0220
								7/6/10 0415		7-6-10	415
								7-6-10			930
								7-6-10 9.45	Isaiah Harris	7/6/10	9:45

Sample temp = 3°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

CHAIN OF CUSTODY RECORD

R06_Deepwater_Grand_Isle

No: T0033-100403-07/05/10-0138

AirbillNo:

Contact: Kristie Warr
Phone: 713.985.6636

Lab: U.S. EPA Region 6 Laboratory
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Preservative	MS/MSD
	T007-0005-100703-SW-1	DOSS	Surface Water	Grab	7/3/2010	09:30	6	4 C	Y
	T007-0006-100703-SW-1	DOSS	Surface Water	Grab	7/3/2010	10:10	2	4 C	N
	T007-0007-100703-SW-1	DOSS	Surface Water	Grab	7/3/2010	10:45	2	4 C	N
	T007-0008-100702-SW-1	DOSS	Surface Water	Grab	7/2/2010	09:20	6	4 C	Y
	T007-0008-100705-SW-1	DOSS	Surface Water	Grab	7/5/2010	12:40	2	4 C	N
	T007-1327-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	10:00	2	4 C	N
	T007-1328-100702-SW-1	DOSS	Surface Water	Grab	7/2/2010	10:40	2	4 C	N
	T007-1328-100705-SW-1	DOSS	Surface Water	Grab	7/5/2010	11:15	6	4 C	Y
	T007-1331-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	08:55	6	4 C	Y
	T007-1332-100702-SW-1	DOSS	Surface Water	Grab	7/2/2010	10:00	2	4 C	N
	T007-1332-100705-SW-1	DOSS	Surface Water	Grab	7/5/2010	12:05	2	4 C	N
	T007-2336-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	09:30	2	4 C	N
	T007-BG01-100703-SW-1	DOSS	Surface Water	Grab	7/3/2010	15:15	2	4 C	N
	T007-BG02-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	13:20	2	4 C	N
	T007-BG03-100705-SW-1	DOSS	Surface Water	Grab	7/5/2010	08:50	2	4 C	N
	T007-BG03-100705-SW-2	DOSS	Surface Water	Grab	7/5/2010	08:50	2	4 C	N
	T007-BG06-100702-SW-1	DOSS	Surface Water	Grab	7/2/2010	15:40	2	4 C	N

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
All		7/5/10		7/5/10	18:30		Monta A.	7-6-10 9:45	Isaiah Harris	7/6/10	9:45
		7/5/10		7/5/10	2220						
		7/6/10		7-6-10							
		7-6-10	Monta A	7-6-10	920						

Sample Temp = 10C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

CHAIN OF CUSTODY RECORD

R06_DeepWater_Chalmette
Contact Name: Kristie Warr
Contact Phone: 713-985-6636

No: T0033-100402-20100702-001

AirbillNo:
Lab: U.S. EPA Region 6 Laboratory
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	
	T005-2339-100702-SW-1	DOSS	Surface Water	Grab	7/2/2010	08:50	6	40 ml VOA	4 C	✓
	T005-2335-100702-SW1	DOSS	SW	Grab	7/2/10	0935	2	40mL VOA	4C	✓

Special Instructions: MS/MSD collected on sample

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time
	[illegible]	7/5/10	[illegible]	7/6/10	1630
	[illegible]	7/5/10	[illegible]	7/5/10	1120
	[illegible]	7/6/10	[illegible]	7/6/10	415
	[illegible]	7/6/10	[illegible]	7/6/10	920

Items/Reason	Relinquished By	Date	Received by	Date	Time
	[illegible]	7-6-10 9:45	Isaiah Harris	7/6/10	9:45

Sample Temp = 10C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

CHAIN OF CUSTODY RECORD

R06_DeepWater_Chalmette
Contact Name: Kristie Warr
Contact Phone: 713-985-6636

No: T0033-100402-20100703-003

AirbillNo:
Lab: U.S. EPA Region 6 Laboratory
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	
	T005-1336-100703-SW-1	DOSS	Surface Water	Grab	7/3/2010	08:45	2	40 ml VOA	4 C	✓
	T005-2333-100703-SW-1	DOSS	Surface Water	Grab	7/3/2010	09:25	2	40 ml VOA	4 C	✓
	T005-2333-100703-SW-2	DOSS	Surface Water	Grab	7/3/2010	09:25	2	40 ml VOA	4 C	✓
	T005-2337-100703-SW-1	DOSS	Surface Water	Grab	7/3/2010	10:00	2	40 ml VOA	4 C	✓

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time
	7/5/10		7/5/10		16:50
	7/8/10		7/8/10		2220
	7/6/10		7-6-10		415
	7/6/10		7-6-10		945

Items/Reason	Relinquished By	Date	Received by	Date	Time
	7-6-10 9:45		Isaiah Harris	7/6/10	9:45

Sample Temp = 1°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

CHAIN OF CUSTODY RECORD

R06_DeepWater_Chalmette
Contact Name: Kristie Warr
Contact Phone: 713-985-6636

No: T0033-100402-20100704-003

AirbillNo:
Lab: U.S. EPA Region 6 Laboratory
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	
	T005-1333-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	08:35	2	40 ml VOA	4 C	✓
	T005-2327-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	10:00	2	40 ml VOA	4 C	✓
	T005-2327-100704-SW-2	DOSS	Surface Water	Grab	7/4/2010	10:00	2	40 ml VOA	4 C	✓
	T005-2331-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	09:20	2	40 ml VOA	4 C	✓
	T005-2338-100704-SW-1	DOSS	Surface Water	Grab	7/4/2010	10:40	2	40 ml VOA	4 C	✓

Special Instructions:

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time
	[illegible]	7/5/10	[illegible]	7/5/10	1837
	[illegible]	7/5/10	[illegible]	7/5/10	2220
	[illegible]	7/6/10	[illegible]	7/6/10	415
	[illegible]	7/6/10	[illegible]	7/6/10	920

Items/Reason	Relinquished By	Date	Received by	Date	Time
	[illegible]	7-6-10 9:45	Isaiah Harris	7/6/10	9:45

Sample Temp = 10C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

CHAIN OF CUSTODY RECORD

R06_DeepWater_Chalmette
Contact Name: Kristie Warr
Contact Phone: 713-985-6636

No: T0033-100402-20100705-003

AirbillNo:
Lab: U.S. EPA Region 6 Laboratory
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD	
	T005-2335-100705-SW-1	DOSS	Surface Water	Grab	7/5/2010	10:20	6	40 ml VOA	4 C	Y	✓
	T005-2339-100705-SW-1	DOSS	Surface Water	Grab	7/5/2010	10:50	2	40 ml VOA	4 C	N	✓

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
		7/5/10		7/5/10	16:37			7-6-10 9:45	Isaiah Harris	7/6/10	9:45
		7/5/10		7/5/10	2220						
		7/6/10		7/6/10	4:5						
		7/6/10			9:20						

Sample Temp = 1°C

Environmental Protection Agency
Region 6 Laboratory
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Notes and Definitions

A	This sample was extracted at a single acid pH.
HTS	Sample was prepared and/or analyzed past recommended holding time. Concentrations should be considered minimum values.
AES	Atomic Emission Spectrometer
CVAA	Cold Vapor Atomic Absorption
ECD	Electron Capture Detector
GC	Gas Chromatograph
GFAA	Graphite Furnace Atomic Absorption
ICP	Inductively Coupled Plasma
MS	Mass Spectrometer
NA	Not Applicable
NPD	Nitrogen Phosphorous Detector
NR	Not Reported
TCLP	Toxicity Characteristic Leaching Procedure
U	Undetected
#	Out of QC limits

Initial pressure in air analyses is the pressure at which the canister was received in psia (pounds *per* square inch absolute pressure).

The pH reported for Volatile liquid samples was tested using a 0-14 pH indicator strip for the purpose of verifying chemical preservation.

The statistical software used for the reporting of toxicity data is ToxCalc 5.0.32, Environmental Toxicity Data Analysis System 1994-2007 Tidepool Scientific Software.